

WHAT IS CLAIMED

1. A moving cart assembly comprising:

a plurality of interlocking, vertically stackable storage modules forming a moving cart, each of said modules comprising:

a frame comprising two substantially vertical sides, a back section and a horizontal support; and

means for enclosing the interior of each of said modules to form a plurality of enclosures; and

wheels to facilitate movement of said cart assembly.

2. A moving cart assembly according to claim 1 wherein at least one of said enclosing means comprises at least one door.

3. A moving cart assembly according to claim 2 wherein at least one of said enclosing means comprises a pair of doors.

4. A moving cart assembly according to claim 3 wherein said doors are supported by hinges located inside the enclosure.

5. A moving cart assembly according to claim 3 wherein said doors are supported by hinges located outside the enclosure.

6. A moving cart assembly according to claim 2 wherein said door comprises an identification slot.

7. A moving cart assembly according to claim 1 wherein at least one of said enclosing means comprises a drawer.

8. A moving cart assembly according to claim 7 wherein said drawer comprises rails spaced to support hanging files.

9. A moving cart assembly according to claim 8 comprising rails spaced to support at least two different sizes of hanging files.

10. A moving cart assembly according to claim 1 comprising a plurality of connectable carts and means for selectively connecting said carts.

11. A moving cart assembly according to claim 10 wherein said connecting means comprises at least one retractable hitch.

12. A moving cart assembly according to claim 10 wherein said connecting means comprises a retractable hitch on each cart.

13. A moving cart assembly according to claim 1 wherein a plurality of said modules comprise vertically-aligned support ribs.

14. A moving cart assembly according to claim 13 wherein at least one of said support ribs is located on said vertical sides of said modules.

15. A moving cart assembly according to claim 14 wherein at least some of said support ribs are located on external vertical sides of said modules.

16. A moving cart assembly according to claim 13 comprising support ribs located on at least one external, vertical surface of said frame.

17. A moving cart assembly according to claim 16 comprising support ribs located on at least one internal, vertical surface of said frame.

18. A moving cart assembly according to claim 17 wherein said support ribs are vertically tapered.

19. A moving cart assembly according to claim 1 comprising support ribs located on at least one internal, vertical surface of said frame.

20. A moving cart assembly according to claim 13 wherein said support ribs are vertically tapered.

21. A moving cart assembly according to claim 1 wherein a plurality of said modules comprise a plurality of receptacles and a corresponding plurality of protrusions wherein adjacent modules are vertically interconnected with a protrusion from one module received in a corresponding receptacle of an adjacent module.

22. A moving cart assembly according to claim 21 comprising means for securing a plurality of said modules together.

23. A moving cart assembly according to claim 22 wherein said securing means comprises an elongated member which passes vertically through portions of a plurality of modules of a cart.

24. A moving cart assembly according to claim 22 wherein said securing means comprises an elongated member extending vertically through portions of all modules of a cart.

25. A moving cart assembly according to claim 22 wherein said securing means comprises at least one tie-rod.

26. A moving cart assembly according to claim 22 wherein said securing means comprises a plurality of tie-rods.

27. A moving cart assembly according to claim 22 wherein said securing means comprises an elongated member which passes vertically through said protrusions of a plurality of modules of a cart.

28. A moving cart assembly according to claim 1 comprising means for securing a plurality of said modules together.

29. A moving cart assembly according to claim 1 comprising means for selectively locking said enclosing means.

30. A moving cart assembly according to claim 29 wherein said frames comprise projecting slots and said locking means comprises a bar which is selectively positionable in said slots.

31. A moving cart assembly according to claim 1 wherein said frames are vertically tapered.

32. A moving cart assembly according to claim 1 comprising a base.

33. A moving cart assembly according to claim 32 comprising at least one weight to enhance stability.

34. A moving cart assembly according to claim 32 wherein said base comprises means for connecting a cart to another cart.

35. A moving cart assembly according to claim 34 wherein said connecting means comprises at least one retractable hitch.

36. A moving cart assembly according to claim 35 wherein said connecting means comprises a plurality of retractable hitches.

37. A moving cart assembly according to claim 1 wherein said frame is an integrally molded element.

38. A moving cart assembly according to claim 37 wherein said frame comprises a material selected from the group consisting of polyethylene and polypropylene.

39. A moving cart assembly according to claim 37 wherein said frame comprises high density polyethylene structural foam.

40. A moving cart assembly according to claim 37 wherein said frame comprises polypropylene structural foam.
41. A moving cart assembly according to claim 37 wherein said frame comprises a structural foam plastic.
42. A moving cart assembly according to claim 1 wherein at least one of said modules is a cabinet module having an inside height of at least 20 inches.
43. A moving cart assembly according to claim 42 wherein a plurality of said modules are cabinet modules having an inside height of at least 20 inches.
44. A moving cart assembly according to claim 42 wherein at least one of said modules is a drawer module having an inside height of at least 11 inches.
45. A moving cart assembly according to claim 44 wherein a plurality of said modules are drawer modules having an inside height of at least 11 inches.
46. A moving cart assembly according to claim 42 comprising a plurality of cabinet modules each having an inside height of at least 20 inches and a plurality of drawer modules having an inside height of at least 11 inches.

47. A moving cart assembly according to claim 1 comprising a plurality of drawers disposed side-by-side on a cart.

48. A moving cart assembly according to claim 47 comprising a plurality of cabinets disposed side-by-side on a cart.

49. A moving cart assembly according to claim 1 wherein said frames comprise flanges and means for connecting flanges of adjacent frames.

50. A moving cart assembly according to claim 49 wherein said connecting means comprises nuts and bolts.

51. A moving cart assembly according to claim 1 further comprising means for locking said enclosing means.

52. A moving cart assembly comprising a plurality of enclosed storage compartments and wheels to facilitate movement of said cart assembly.

53. A moving cart assembly according to claim 52 wherein at least one of said compartments comprises at least one door.



54. A moving cart assembly according to claim 53 wherein at least one of said compartments comprises a pair of doors.

55. A moving cart assembly according to claim 53 wherein said door is supported by hinges located inside the enclosure.

56. A moving cart assembly according to claim 53 wherein said door comprises an identification slot.

57. A moving cart assembly according to claim 52 wherein at least one of said enclosing means comprises a drawer.

58. A moving cart assembly according to claim 57 wherein said drawer comprises rails spaced to support hanging files.

59. A moving cart assembly according to claim 58 comprising rails spaced to support at least two different sizes of hanging files.

60. A moving cart assembly according to claim 52 comprising a plurality of connectable carts and means for selectively connecting said carts.

61. A moving cart assembly according to claim 60 wherein said connecting means comprises at least one retractable hitch.

62. A moving cart assembly according to claim 60 wherein said connecting means comprises a retractable hitch on each cart.

63. A moving cart assembly according to claim 61 wherein said cart assembly comprises a plurality of modules.

64. A moving cart assembly according to claim 63 wherein a plurality of said modules comprise vertically-aligned support ribs and at least one of said support ribs is located on vertical sides of said modules.

65. A moving cart assembly according to claim 64 wherein at least some of said support ribs are located on external vertical sides of said modules.

66. A moving cart assembly according to claim 64 comprising support ribs located on at least one external, vertical surface of said frame.

67. A moving cart assembly according to claim 66 comprising support ribs located on at least one internal, vertical surface of said frame.

68. A moving cart assembly according to claim 67 wherein said support ribs are vertically tapered.

69. A moving cart assembly according to claim 63 wherein a plurality of said modules comprise a plurality of receptacles and a corresponding plurality of protrusions wherein adjacent modules are vertically interconnected with a protrusion from one module received in a corresponding receptacle of an adjacent module.

70. A moving cart assembly according to claim 63 comprising means for securing a plurality of said modules together.

71. A moving cart assembly according to claim 70 wherein said securing means comprises an elongated member which passes vertically through portions of a plurality of modules of a cart.

72. A moving cart assembly according to claim 70 wherein said securing means comprises an elongated member extending vertically through portions of all modules of a cart.

73. A moving cart assembly according to claim 70 wherein said securing means comprises at least one tie-rod.

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74. A moving cart assembly according to claim 1 comprising means for selectively locking said compartments.

75. A moving cart assembly according to claim 52 wherein said base comprises means for connecting a cart to another cart.

76. A moving cart assembly according to claim 75 wherein said connecting means comprises at least one retractable hitch.

77. A moving cart assembly according to claim 75 wherein said connecting means comprises a plurality of retractable hitches.

78. A moving cart assembly according to claim 52 wherein each compartment is an integrally molded element.

79. A moving cart assembly according to claim 52 wherein said assembly comprises a material selected from the group consisting of polyethylene and polypropylene.

80. A moving cart assembly according to claim 52 wherein said assembly comprises high density polyethylene structural foam.

81. A moving cart assembly according to claim 52 wherein said assembly comprises polypropylene structural foam.

82. A moving cart assembly according to claim 52 wherein said frame comprises a structural foam plastic.